Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	0.00	Rating **	Α	Issue No. 39				
LM End	0.00	Issue Type +	Ма	Location * N/A				
Category	Earthen L	evee		GPS La	atitude	e/Longitude		
Calegory				Start		End		
Operations & Maintenance				0		0		
пеш	Manuals	Manuals			0		0	
DWR ID	DWR_RD1	602_01_s _ 201	2_39					
		Comn	nent Cod	de				
		Inspecto	or Comm	nent				
The LMA h	nas all the	O&M manuals	3.					

No Photos

Rating ** Issue No. LM Start 0.00 77 Location * 0.00 Issue Type + Ма N/A LM End Earthen Levee GPS Latitude/Longitude Category Start Emergency Supplies & Item Equipment DWR ID DWR_RD1602_01_s _ 2012_77 Comment Code

Inspector Comment

No Photos

The LMA has enough flood materials in case of an incident.

LM Start	0.00							
LM End	0.00	Issue Type +	Ма	Location *	tion * N/A			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item Flood Preparedness & Training				0		0		
					0		0	
DWR ID	DWR_RD1	602_01_s _ 201	2_97					
		Comn	nent Cod	le				
			_					
	Inspector Comment							
The LMA h		nderstanding	and mos	t of them h	ave	flood		

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	0.13	Rating **	M	Issue No.		21	
LM End	0.56	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		37.4772	33°	37.480269°	
item				-121.081740°		-121.075104°	
DWR ID	DWR_RD1602_01_f _ 2015_21						
		Comn	nent Cod	le			
V1 : Contro	ol annual g	grass and wee	ds on th	e levee slo	pes	and	
easements	S.						
		Inspecto	or Comm	nent			

Photo 1 of 1: SP_2016_RD1602_110_21_20160408_00095.jpg



View of the vegetation on the waterside of the levee.

LM Start	0.15	Rating **	М	Issue No. 26			
LM End	0.56	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS La	atitud	le/Longitude	
				Start		End	
Item	Vegetatio	n		37.4773	64°	37.480269°	
item				-121.0814	23 °	-121.075103°	
DWR ID	DWR_RD1602_01_f _ 2015_26						
Comment Code							

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	0.20	Rating **	М	Issue No.		28		
LM End	0.20	Issue Type +	Ма	Location *		WS		
Category Earthen Levee				GPS Latitude/Longitude				
				Start		End		
Item	Animal Control			37.47770)6°	37.477706°		
пеш					74 °	-121.080674°		
DWR ID	DWR_RD1	602_01_f _ 201	5_28					

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment



Updated picture of the rodent hole on the waterside of the levee during spring 2016 inspection.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	0.20	Rating **	M	Issue No.		28 (cont)		
LM End	0.20	Issue Type +	Ма	Location *	WS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
				Start		End		
Item Animal Control			37.4777	'06	37.477706°			
			-121.080674°		-121.080674°			
DWR ID	DWR_RD1	602_01_f _ 201	5_28					
		Comn	nent Cod	le				
A3 : No ro compact o		le, but rodent rows.	burrows	visible; ne	ed to	backfill and		
		Inspecto	or Comm	nent				

Photo 2 of 2: SP_2016_RD1602_110_28_20160219_00009.jpg

A rodent hole was found on the waterside of the levee.

LM Start	0.47	Rating **	М	Issue No.		31			
LM End	0.47	Issue Type +	Ma	Location *		WS			
Category	GPS Lat	itud	e/Longitude						
Calegory				Start		End			
Item	Animal Co	ontrol		37.47965	9°	37.479659	0		
пеш			-121.07641	9°	-121.076419	0			
DWR ID	DWR_RD1	602_01_f _ 201	5_31						
	Comment Code								

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LM Start	1.02	Rating **	U	Issue No.	55		
LM End	1.02	Issue Type +	Ma	Location *	WS		
Catagony	Interior Drainage & Piping Systems			GPS Lat	titud	e/Longitude	
Category				Start		End	
ltom	Concrete Tilting / Settlement			37.47877	'2 °	37.478772	0
Item			-121.06845	4 °	-121.068454	0	
DWR ID	DWR_RD1	602_01_s _ 201	2_55				
Comment Code							

Inspector Comment

The outlet headwall is tilting away from the pipe rendering the existing flap gate ineffective. The LMA is planning to repair gap between pipe and headwall and stabilize headwall to prevent further damage.

Photo 1 of 3: SP_2016_RD1602_110_55_20160219_00027.jpg



View of the broken headwall on the waterside of the levee during fall 2015 inspection.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	1.02	Rating **	U	Issue No.		55 (cont)	
LM End	1.02	Issue Type +	Ma	Location *		WS	
Interior Drainage & Piping			GPS Latitude/Longitude				
Category	Systems			Start		End	
Itom	Concrete Tilting / Settlement		37.4787	72 °	37.478772°		
Item				-121.0684	54 °	-121.068454°	
DWR ID	DWR_RD1602_01_s _ 2012_55						
Comment Code							

Inspector Comment

The outlet headwall is tilting away from the pipe rendering the existing flap gate ineffective. The LMA is planning to repair gap between pipe and headwall and stabilize headwall to prevent further damage.

LM Start	1.02	Rating **	U	Issue No.	55 (cont)
LM End	1.02	Issue Type +	Ma	Location *	WS



View of the broken headwall on the waterside of the levee during spring 2015 inspection.

Photo 3 of 3: SP_2016_RD1602_110_55_20160219_00029.jpg



Separation of outfall structure from the outlet pipe.

LM Start	1.05	Rating **	М	Issue No.		37
LM End	1.05	Issue Type +	Ma	Location *	WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory			Start		End	
Slope Stability			37.4785	67°	37.478567 °	
пеш	item			-121.067847 °		-121.067847 °
DWR ID	DWR_RD1602_01_s _ 2012_37					
		Comn	nent Cod	le		
S1 : Repai	r slope ins	tability.				
Inspector Comment						
Small amo	Small amount of slumping at waterside toe of the levee.					

Photo 1 of 2 : SP_2016_RD1602_110_37_20	160219_00013.jpg
THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	CAR SOLETION
	2 1000
The state of the s	1990年,19
	dia con societa
	981207000
Land Care and Company	

Updated picture of the depression at the waterside toe of the levee. The picture was taken from the crown of the levee looking upstream.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

1110/	4 OF	Rating **	М	Issue No.		27 (cont)
LM Start	1.05	Raung	IVI	issue ivo.		37 (cont)
LM End	1.05	Issue Type +	Ma	Location *		WS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Slope Stability			37.4785	67°	37.478567°	
пеш			-121.0678	47 °	-121.067847 °	
DWR ID DWR_RD1602_01_s _ 2012_37						
		Comn	nent Cod	le		
S1 : Repair slope instability.						
		Inspecto	or Comm	nent		
Small amount of slumping at waterside toe of the levee.						



Depression at the waterside slope of the levee during Spring 2011 inspection.

LM Start	1.11	Rating **	М	Issue No.		11	
LM End	1.11	Issue Type +	Ма	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory		Start		End			
Animal Control			37.4783	71 °	37.478371	0	
пеш				-121.0667	93 °	-121.066793	0
DWR ID DWR_RD1602_01_s _ 2013_11							

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment



Rodent holes were found on the waterside slope of the levee looking downstream.

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	1.11	Rating **	М	Issue No.		11 (cont)		
LM End	1.11	Issue Type +	Ма	Location *	WS			
Category	Earthen L	GPS La	atituc	le/Longitude				
Calegory			Start		End			
Animal Control			37.4783	71 °	37.478371 °			
пеш				-121.066793 ° -121.06				
DWR ID DWR_RD1602_01_s _ 2013_11								
		Comn	nent Cod	le				
A3 : No ro compact o		le, but rodent rows.	burrows	visible; ne	ed to	backfill and		
		Inspecto	or Comm	nent				

Photo 2 of 2 : SP_2016_RD1602_110_11_20160219_00003.jpg

A rodent hole was found on the waterside toe of the levee looking downstream.

LM Start	1.14 Rating ** M			Issue No.		65
LM End	1.14	Issue Type +	Ma	Location *		WS
Category Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End
Item	Animal Control			37.4782	85 °	37.478285 °
пеш				-121.0662	99°	-121.066299 °
DWR ID	DWR ID DWR_RD1602_01_f _ 2012_65					
		0		L.		

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment



Updated picture of the rodent hole on waterside of the levee during spring 2016 inspection.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	1.14	Rating **	М	Issue No.		65 (cont)	
LM End	1.14	Issue Type +	Ма	Location *		WS	
Catagony	Earthen L	evee		GPS La	atitud	le/Longitude	
Category		Start		End			
Animal Control			37.4782	85°	37.478285 °		
item				-121.0662	99°	-121.066299 °	
DWR ID DWR_RD1602_01_f _ 2012_65							
		Comn	nent Cod	le			
A3 : No roo compact o		le, but rodent rows.	burrows	visible; ne	ed to	backfill and	
		Inspecto	or Comm	nent			



View of rodent hole on the waterside slope of the levee looking upstream during fall 2013 inspection.

LM Start	1.19	Rating **	С	Issue No.	29			
LM End	1.76	Issue Type +	Ma	Location *	WS			
Category	evee	GPS Latitude/Longitude						
Calegory				Start		End		
Item	Vegetation			37.47829)7°	37.475610°		
пеш				-121.06550	00°	-121.057955 °		
DWR ID	DWR_RD1602_01_f _ 2015_29							
	Comment Code							

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

This issue is corrected.

No Photos

LM Start	1.19	Rating **	С	Issue No.		79	
LM End	1.19	Issue Type +	Ma	Location *		WS	
Category	Earthen L	GPS Latitude/Longitude					
Calegory				Start		End	
Animal Control			37.4783	24°	37.478324	0	
пеш			-121.0654	44 °	-121.065444	0	
DWR ID	DWR_RD1602_01_s _ 2012_79						

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

This issue is corrected.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	1.53	Rating **	С	Issue No.	34			
LM End	1.66	Issue Type +	Ma	Location *	LS			
Category Earthen Levee			GPS Latitude/Longitude					
Category				Start		End		
Item	Vegetatio	egetation			05°	37.477004	0	
item		-121.059862 ° -121		-121.058378	0			
DWR ID	DWR_RD1	602_01_f _ 201	5_34					
Comment Code								
V1 : Contro	ol annual (grass and wee	ds on th	e levee slo	pes	and		

easements.

Inspector Comment

This issue is corrected.

No Photos

LM Start	1.66	Rating **	С	Issue No.		20
LM End	1.66	Issue Type +	Ma	Location *		LS
Catagony	Earthen L	.evee		GPS La	titud	e/Longitude
Category				Start		End
Item	Animal Co	ontrol		37.4770	07°	37.477007°
item				-121.0583	72 °	-121.058372°
DWR ID	DWR RD1	602 01 s 201	15 20			

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

This issue is corrected.

No Photos

LM Start	1.66 Rating ** C		Issue No.		78		
LM End	1.76	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetation			37.4770	04°	37.475614	0
item				-121.0583	79°	-121.057953	0
DWR ID	DWR_RD1	602_01_f _ 201	5_78				

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

This issue is corrected.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	1.69 Rating ** U		Issue No.		18	
LM End	1.69	Issue Type +	Ma	Location *		WS
Cotogon/ Earthen Levee				GPS Latitude/Longitude		
Calegory	Category					End
Item	Animal Co	ontrol		37.4765	76°	37.476576°
пеш			-121.0581	74 °	-121.058174°	
DWR ID DWR_RD1602_01_s _ 2013_18						
		Comn	ant Car	40		

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment



A rodent hole was found on the waterside toe of the levee looking downstream.

LM Start	1.84	Rating **	Α	Issue No.		16	
LM End	1.84	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetatio	n		37.4745	55°	37.474555 °	
пеш			-121.057932 °		-121.057932 °		
DWR ID	DWR_RD1	602_01_s _ 201	6_16				
		Comn	nent Cod	le			
V1 : Control annual grass and weeds on the levee slopes and easements.							
Inspector Comment							
LMA removed the vegetation on the waterside slope of the levee.							



View of an acceptable vegetation on the waterside slope of the levee.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	1.99	Rating **	С	Issue No.		80		
LM End	2.41	Issue Type +	Ma	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory				Start		End		
Item	Vegetatio	Vegetation			22°	37.470282	0	
пеш				-121.0578	93°	-121.051785	0	
DWR ID	DWR_RD1	602_01_f _ 201	5_80					
		Comn	nent Cod	le				
V1 : Contro	ol annual g	grass and wee	ds on th	e levee slo	pes	and		
easements	S.							
		Inspect	or Comm	nent				
This issue is corrected.								

No Photos

LM Start	2.00	Rating **	С	Issue No.		82	
LM End	2.76	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory		Start		End			
Item	Vegetatio	n		37.47219	98°	37.467236 °	
пеш				-121.0578	70°	-121.046905 °	
DWR ID	DWR_RD1	602_01_f _ 201	5_82				
Comment Code							

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

This issue is corrected.

No Photos

LM Start	2.04	Rating **	Α	Issue No.		17
LM End	2.04	Issue Type +	Ma	Location *	LS	
Category	evee	GPS Latitude/Longitude				
Calegory			Start		End	
Item	Vegetatio	n		37.47158	35 °	37.471585 °
пеш				-121.05758	36°	-121.057586 °
DWR ID DWR_RD1602_01_s _ 2016_17						
Comment Code						

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



Photo 1 of 1: SP_2016_RD1602_110_17_20160411_00098.jpg

View of an acceptable vegetation on the landside slope of the levee.

*Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable U : Unacceptable U : Unacceptable U : WA : Acceptable D : Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

* Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	2.10	Rating **	С	Issue No.		85
LM End	2.10	Issue Type +	Ма	Location *		WS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Category				Start		End
Item	Animal Co		37.470858 °		37.470858 °	
item				-121.057140 °		-121.057140 °
DWR ID	DWR_RD1	602_01_s _ 201	2_85			
		Comn	nent Cod	le		
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						
This issue is corrected.						

No Photos

LM Start	2.41	Rating **	С	Issue No.		38	
LM End	3.42	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	egory					End	
Item	Vegetatio	n		37.4702	82 °	37.459728°	
пеш			-121.0517	85 °	-121.043070 °		
DWR ID	DWR_RD1602_01_f _ 2015_38						
Comment Code							

V1: Control annual grass and weeds on the levee slopes and easements

Inspector Comment

This issue is corrected by the LMA.

LM Start	2.67	Rating **	М	Issue No.		19
LM End	2.67	Issue Type +	Ma	Location *		WS
Category	evee	GPS Latitude/Longitude				
Calegory				Start		End
Item	Animal Co	ontrol		37.468212 °		37.468212 °
item				-121.0480	96 °	-121.048096 °
DWR ID	WR ID DWR_RD1602_01_s _ 2016_19					
Comment Code						

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1: SP_2016_RD1602_110_19_20160411_00099.jpg

No Photos



View of rodent holes on the waterside of the levee.

Location Rating + Issue Type LS: Land Side A : Acceptable M : Minimally Acceptable U : Unacceptable Ma: Maintenance Deficiancy N/A: Not Applicable N: Not Inspected/Rated WS: Water Side C : Corrected Ob: Design & System Obsolescence CR : Crown A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	2.93	Rating **	С	Issue No.	83					
LM End	3.42	Issue Type +	Ма	Location *		LS				
Category	evee	GPS La	atitud	le/Longitude						
Category				Start		End				
Item	Vegetatio	n		37.4653	92°	37.459728 °				
пеш				-121.0447	'55 °	-121.043070 °				
DWR ID	DWR_RD1	602_01_f _ 201	5_83							
		Comn	nent Cod	le						
V2 : Remove the wild growth other than native grasses from the levee slopes.										
	Inspector Comment									

No Photos

LM Start	2.97	Rating **	С	Issue No.	23				
LM End	2.97	Issue Type +	Ма	Location *		LS			
Category	evee	GPS La	titud	le/Longitude					
Calegory				Start		End			
Item	Animal Co	Animal Control			55 °	37.464955 °			
пеш				-121.0444	15 °	-121.044415 °			
DWR ID	DWR_RD1602_01_s _ 2015_23								
Comment Code									

No Photos

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

This issue is corrected by the LMA.

This issue is corrected by the LMA.

LM Start	3.10	Rating **	M	Issue No.	24			
LM End	3.10	Issue Type +	Ma	Location *	WS			
Category	evee	GPS Latitude/Longitude						
Calegory				Start		End		
Item	Animal Control			37.46356	3°	37.463563°		
пеш				-121.04278	34 °	-121.042784°		
DWR ID	DWR_RD1602_01_s _ 2016_24							
Comment Code								

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment



View of rodent holes on the waterside of the levee looking upstream.

* Location

LS : Land Side N/A : Not Applicable

WS : Water Side

CR : Crown

* Rating

A: Acceptable

M: Minimally Acceptable

U: Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma: Maintenance Deficiancy

Ob: Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM End 3.16 Issue Type + Ma Location * WS Category Earthen Levee GPS Latitude/Longitude Start End 37.462947 ° 37.462 -121.041967 ° -121.041 DWR ID DWR_RD1602_01_s _ 2016_25 Comment Code A3 : No rodents visible, but rodent burrows visible; need to backfill a compact or grout burrows. Inspector Comment									
Start End 37.462947 37									
Start End									
Item -121.041967 -121.041967 -121.041 DWR ID DWR_RD1602_01_s _ 2016_25 Comment Code A3 : No rodents visible, but rodent burrows visible; need to backfill a compact or grout burrows.									
DWR ID DWR_RD1602_01_s _ 2016_25 Comment Code A3 : No rodents visible, but rodent burrows visible; need to backfill a compact or grout burrows.	947°								
Comment Code A3 : No rodents visible, but rodent burrows visible; need to backfill a compact or grout burrows.	967°								
A3 : No rodents visible, but rodent burrows visible; need to backfill a compact or grout burrows.	DWR ID DWR_RD1602_01_s _ 2016_25								
compact or grout burrows.									
Inspector Comment	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.								
	Inspector Comment								



View of rodent holes on the waterside toe of the levee looking upstream.

LM Start	3.80	Rating **	С	Issue No.	86					
LM End	3.80	Issue Type +	Ma	Location *	WS					
Category	GPS Lat	ituc	le/Longitude							
Calegory				Start		End				
Item	Animal Control			37.45485	8°	37.454858	0			
пеш				-121.04336	4 °	-121.043364	0			
DWR ID	DWR_RD1602_01_f _ 2015_86									
Comment Code										

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

This issue is corrected by the LMA.

- 1	NI.	0	D	h	n i	ŀ٨	
	v	o	М	n	O	LC	S

LM Start	3.88	Rating **	С	Issue No.		94				
LM End	3.88	Issue Type +	Ma	Location *	WS					
Category	GPS La	titud	e/Longitude							
Calegory				Start		End				
Item	Animal Co	Animal Control			91 °	37.453891	0			
пеш				-121.0426	29°	-121.042629	0			
DWR ID	DWR_RD1	602_01_s _ 201	2_94							
Comment Code										

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

This issue is corrected by the LMA.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	3.93	Rating **	М	Issue No.		62			
LM End	3.93	Issue Type +	Ма	Location *	LS				
Category	GPS La	titud	e/Longitude						
Calegory				Start		End			
Item	Slope Sta	Slope Stability			16°	37.453216	0		
пеш				-121.0421	27 °	-121.042127	0		
DWR ID	DWR_RD1	602_01_s _ 201	2_62						
	Comment Code								

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Significant damage to USACE constructed seepage berm due to human activity.

Photo 1 of 1: SP_2016_RD1602_110_62_20160219_00034.jpg



Repair damage to USACE constructed seepage berm by pedestrian and cycle traffic.

LM Start	3.96	Rating **	С	Issue No.		47
LM End	3.96	Issue Type +	Ма	Location *	ation * WS	
Category	evee	GPS Latitude/Longitude				
Calegory	Category					End
Item	Animal Co	ontrol		37.4528	77 °	37.452877 °
пеш					62 °	-121.041862 °
DWR ID	ID DWR_RD1602_01_s _ 2015_47					

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

This issue is corrected by the LMA

No Photos

LM Start	3.99	Rating **	С	Issue No.		49	
LM End	3.99	Issue Type +	Ма	Location *		LS	
Category	Category Earthen Levee				GPS Latitude/Longitude		
Category					Start		
Item	Animal Co	ontrol		37.4525	18°	37.452518	٥
item				-121.0416	63°	-121.041663	٥
DWR ID	DWR_RD1	602_01_s _ 201	5_49				

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

This issue is corrected by the LMA.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	4.00	Rating **	С	Issue No.		51	
LM End	4.00	Issue Type +	Ma	Location *	WS		
Earthen Levee				GPS La	titud	e/Longitude	
Calegory	Category					End	
Item	Animal Co	ontrol		37.4523	70°	37.452370	0
пеш				-121.0414	82 °	-121.041482	0
DWR ID	R ID DWR_RD1602_01_s _ 2015_51						
		Cama	ant Can	اما			

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

This issue is corrected by the LMA.

No Photos

4.01 Rating ** С Issue No. 53 LM Start Location * WS 4.01 Issue Type + LM End Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 37.452242 ° 37.452242° Item -121.041373 ° -121.041373 ° DWR ID DWR_RD1602_01_s _ 2015_53

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

This issue is corrected by the LMA.

No Photos

Rating ** Issue No. LM Start 4.15 Issue Type + Location * WS 4.15 LM End Earthen Levee GPS Latitude/Longitude Category **Animal Control** 37.450623 ° 37.450623° Item -121.039763° -121.039763 ° DWR ID DWR_RD1602_01_f _ 2015_88

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

This issue is corrected by the LMA.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

1110	4.15	Rating **	С	Issue No.		07	
LM Start	4.15	Rating	C	issue ivo.		87	
LM End	4.23	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetation				23°	37.449644	۰
пеш				-121.0397	63°	-121.038996	0
DWR ID	DWR_RD1	602_01_f _ 201	5_87				
		Comn	nent Cod	de			
V1 : Contro	ol annual g	rass and wee	ds on th	e levee slo	pes	and	
easements	S.						
		Inspecto	or Comm	nent			
This issue	is correcte	ed by the LMA	١.				

No Photos

LM Start	4.16	Rating **	Α	Issue No.		27	
LM End	4.16	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	egory					End	
Item	Vegetatio	n		37.4505	40°	37.450540°	
item				-121.0396	81 °	-121.039681 °	
DWR ID	D DWR_RD1602_01_s _ 2016_27						
Comment Code							

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View of an acceptable vegetation on the waterside of the levee looking upstream.

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	4.19	Rating **	С	Issue No.		44	
LM End	4.19	Issue Type +	Ма	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Animal Co	ontrol		37.4501	95°	37.450195 °	
пеш				-121.0394	06°	-121.039406 °	
DWR ID	DWR_RD1	602_01_f _ 201	4_44				
		Comn	nent Cod	le			
A3 : No roo compact o		le, but rodent rows.	burrows	visible; ne	ed to	backfill and	
Inspector Comment							
This issue is corrected by the LMA.							

No Photos

LM Start	4.19	Rating **	С	Issue No.		46
LM End	4.19	Issue Type +	Ма	Location *	WS	
Category	evee	GPS Latitude/Longitude				
Calegory			Start		End	
Item	Animal Co	ontrol		37.4501	95 °	37.450195 °
пеш				-121.0394	06 °	-121.039406 °
DWR ID DWR_RD1602_01_f _ 2014_46						·
		Comp	ant Coo	lo.		

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LMA repaired this issue.

No Photos

LM Start	4.20	Rating **	Α	Issue No.	30		
LM End	4.20	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
				Start		End	
Item	Animal Control			37.4500	95 °	37.450095 °	
пеш				-121.0393	° 80	-121.039308 °	
DWR ID	DWR_RD1	6_30			·		
Comment Code							

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

LMA fixed the animal holes in the area.



Photo 1 of 1: SP_2016_RD1602_110_30_20160411_00103.jpg

LMA has repaired multiple rodent holes on the landside slope of the levee looking downstream.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LN	1 Start	4.20	Issue No.		56			
LN	√ End	4.20	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS La	atitud	e/Longitude		
Ca	itegory				Start		End	
	ltem	Animal Co	ontrol		37.4500	88°	37.450088	0
	ILCIII				-121.0393	07 °	-121.039307	0
D۱	WR ID	DWR_RD1	602_01_s _ 201	5_56				
			Comn	nent Cod	le			

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LMA backfilled the rodent holes in this area.

No Photos

LM Start	4.20	Rating **	С	Issue No.		57
LM End	4.20	Issue Type +	Ma	Location *		WS
Category	Earthen Levee				titud	e/Longitude
Calegory				Start		End
Item	Animal Control			37.45008	88°	37.450088 °
пеш			-121.03930)7°	-121.039307 °	
DWR ID	DWR_RD1	602_01_s _ 201	5_57			

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LMA backfilled the rodent holes in this area.

No Photos

LM Start	4.29	Rating **	С	Issue No.		191			
LM End	4.29	Issue Type +	Ma	Location *	WS				
Category	Earthen L	.evee	GPS Latitude/Longitude						
Calegory				Start		End			
Item	Animal Control			37.44898	37°	37.448987	0		
item				-121.0385	74 °	-121.038574	0		
DWR ID	DWR_RD1	602_01_s _ 201	4_191						
Comment Code									

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LMA backfilled the rodent holes in this area.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	4.34	Rating **	С	Issue No.	ue No. 52		
LM End	4.34	Issue Type +	Ма	Location *	WS		
Category Earthen Levee				GPS La	titud	le/Longitude	
Calegory				Start		End	
Item	Animal Co	ontrol		37.4483	27 °	37.448327°	
пеш				-121.03819	92 °	-121.038192 °	
DWR ID	DWR_RD1	2_52					
Comment Code							

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LMA backfilled the rodent holes in this area.

Photo 1 of 1: SP_2016_RD1602_110_32_20160411_00104.jpg

No Photos



LMA has repaired the rodent holes on the waterside slope of the levee during spring 2016 inspection.

LM Start	4.35	Rating **	Α	Issue No.	32	
LM End	4.35	Issue Type +	Ма	Location *	WS	
Category Earthen Levee			GPS Lat	itud	e/Longitude	
			Start		End	
Item	Animal Control			37.44814	9°	37.448149°
пеш			-121.03807	1°	-121.038071 °	
DWR ID	DWR_RD1	602_01_s _ 201	6_32			
Comment Code						
A1 : Exterr	ninate rod	ents and back	fill and c	ompact or g	rou	t burrows.

Inspector Comment

LMA backfilled all of the animal holes in this area.

CR : Crown

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	4.35	Rating **	С	Issue No.		109	
LM End	4.35	Issue Type +	Ma	Location *	WS		
Category	Earthen L	GPS La	atitud	e/Longitude			
		Start		End			
Animal Control			37.4480	76°	37.448076	٥	
пеш				-121.038037 °		-121.038037	0
DWR ID	DWR_RD1	602_01_f _ 201	2_109				
		Comn	nent Cod	le			
A3 : No roo compact o		le, but rodent rows.	burrows	visible; ne	ed to	backfill and	
		Inspecto	or Comm	nent			
LMA backf	illed the ro	odent holes in	this area	a.			

No Photos

LM Start	4.36	Rating **	С	Issue No.		60	
LM End	4.36	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start End			
Item	Animal Co	ontrol		37.4480	33 °	37.448033°	
пеш				-121.0379	55 °	-121.037955 °	
DWR ID	DWR_RD1	D1602_01_s _ 2015_60					
	Comment Code						

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LMA backfilled the rodent holes in this area.

No Photos

LM Start	4.52	Rating **	М	Issue No.		35
LM End	4.52	Issue Type +	Ma	Location *		WS
Catagoria Earthen Levee			GPS La	titud	e/Longitude	
Category	egory			Start		End
Item	Animal Co	ontrol		37.4457	35 °	37.445785 °
item				-121.0377	74 °	-121.037774 °
DWR ID DWR_RD1602_01_s _ 2016_35						
		Comn	nent Coc	de		

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment



View of an animal hole on the waterside shoulder of the levee looking downstream.

Location Rating + Issue Type LS : Land Side Ma: Maintenance Deficiancy A : Acceptable M : Minimally Acceptable N: Not Inspected/Rated N/A: Not Applicable WS: Water Side C : Corrected Ob: Design & System Obsolescence CR : Crown U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

							_
LM Start	4.59	Rating **	С	Issue No.	68		
LM End	4.59	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS La	atitud	e/Longitude	
				Start		End	
Item	Animal Control			37.444838°		37.444838	0
пеш					-121.037687 °		0
DWR ID	DWR_RD1	602_01_s _ 201	5_68				
		Comn	nent Cod	le			
	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment							
LMA backf	LMA backfilled the rodent holes in this area.						

No Photos

LM Start	4.68	Rating **	С	Issue No.	89			
LM End	5.27	Issue Type +	Ма	Location *		WS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start End				
Item	Vegetatio	n		37.44349	92 °	37.435795 °		
пеш				-121.03774	l2°	-121.035570 °		
DWR ID DWR_RD1602_01_f _ 2015_89								
	Comment Code							

No Photos

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

LMA cleared the vegetation on the waterside slope of the levee.

CR : Crown

Rating A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

	4.70	Rating **	Λ.	Issue No.		40	
LM Start	4.72	Raurig	Α	issue ivo.		40	
LM End	4.72	Issue Type +	Ma	Location *		WS	
Category	Catagonia Earthen Levee			GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Vegetatio	n		37.4430	19°	37.443019°	
item				-121.037371 ° -121.0373			
DWR ID	DWR ID DWR_RD1602_01_s _ 2016_40						
		Comn	nent Cod	le			
V1 : Contro easements		grass and wee	ds on th	e levee slo	pes	and	
		Inspecto	or Comm	ent			
LMA remo	ved the ve	getation from	the slop	e.			



View of an acceptable vegetation on the waterside slope of the levee looking upstream.

LM Start	4.77	Rating **	М	Issue No.		74
LM End	4.77	Issue Type +	Ma	Location *		WS
Catagoria Earthen Levee			GPS La	atitud	le/Longitude	
Category	y			Start		End
Item	Animal Co	ontrol		37.4424	65 °	37.442465 °
item				-121.0369	47 °	-121.036947°
DWR ID DWR_RD1602_01_s _ 2015_74						

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment



View of a rodent hole on the waterside toe of the levee.

LM Start	4.89	Rating **	М	Issue No.		90	
LM End	5.23	Issue Type +	Ma	Location *	LS		
Cotogon Earthen Levee				GPS La	atitud	e/Longitude	
Category	Category			Start		End	
Item	Vegetatio	n		37.4408	29°	37.436202	0
пеш				-121.0370	54 °	-121.036126	0
DWR ID	DWR_RD1	602_01_f _ 201	5_90				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	4.90	Rating **	М	Issue No.		41
LM End	5.28	Issue Type +	Ма	Location *		WS
Catagony	Earthen Levee				atitud	e/Longitude
Category				Start		End
Item	Vegetatio	n		37.4407	70°	37.435695°
пеш				-121.0370	83°	-121.035442°
DWR ID	DWR_RD1	602_01_s _ 201	6_41			
		Comn	nent Cod	le		
V1 : Contro	ol annual g	rass and wee	ds on th	e levee slo	pes a	and
easements	S.					
		Inspecto	or Comm	nent		

No Photos

LM Start	5.09	Rating **	М	Issue No.		199
LM End	5.09	Issue Type +	Ma	Location *		WS
Category	Earthen L	evee	GPS Latitude/Longitude			
Calegory			Start		End	
Item	Animal Co	Animal Control			65°	37.438165 °
пеш				-121.0370	73 °	-121.037073 °
DWR ID	DWR_RD1	602_01_s _ 201	4_199			

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment



Rodent holes were found on the waterside toe of the levee looking upstream.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	5.18	Rating **	U	Issue No.	48		
LM End	5.18	Issue Type +	Ма	Location *	WS		
Category	GPS Latitude/Longitude						
Calegory				Start		End	
Item	Animal Control			37.436785°		37.436785	0
item			-121.0365	93 °	-121.036593	0	
DWR ID DWR_RD1602_01_s _ 2016_48							
Comment Code							

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Rodent holes possibly worsen by help of dogs.



View of rodent holes on the waterside of the levee looking downstream.

LM Start	5.29	Rating **	М	Issue No.		75	
LM End	5.49	Issue Type +	Ма	Location *		WS	
Category	Earthen Levee				GPS Latitude/Longitude		
Calegory			Start		End		
Item	Vegetation			37.4355	55 °	37.433277°	
пеш	item					-121.033318°	
DWR ID DWR_RD1602_01_s _ 2012_75							
			. ^				

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

LM Start	5.29	Rating **	M	Issue No.	75 (cont)
LM End	5.49	Issue Type +	Ma	Location *	WS

Photo 1 of 2: SP_2016_RD1602_110_75_20160219_00045.jpg



Vegetation was found on the waterside slope of the levee looking upstream during fall 2013 inspection.

Photo 2 of 2: SP_2016_RD1602_110_75_20160219_00046.jpg



Overgrown vegetation was found on the waterside slope of the levee looking upstream.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

	5.00	Dating **		Issue No.		400	
LM Start	5.30	Rating **	С	issue ivo.		102	
LM End	5.30	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Itom	Slope Stability				33°	37.435533	
пеш				-121.0353	71 °	-121.035371	0
DWR ID	DWR ID DWR_RD1602_01_s _ 2012_102						
		Comn	nent Cod	le			
S1 : Repai	r slope ins	tability.					
		Inspecto	or Comm	nent			

No Photos

LM Start	5.35	Rating **	М	Issue No.		61	
LM End	5.45	Issue Type +	Ма	Location *		LS	
Category	Earthen L		GPS La	e/Longitude			
Calegory				Start		End	
Item	Vegetation			37.4347	32°	37.433660 °	
item				-121.0350	88 °	-121.033838 °	
DWR ID DWR_RD1602_01_s _ 2012_61							

Comment Code

 $\ensuremath{\mathsf{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment



Vegetation was obstructing the view of the landside of the levee.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement